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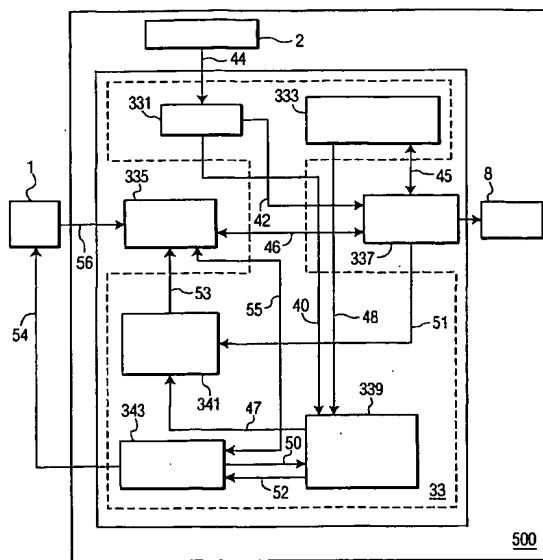
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[Continued on next page]

(54) Title: **CACHE MANAGEMENT FOR IMPROVING TRICK PLAY PERFORMANCE**



(57) Abstract: A playback apparatus and associated method is disclosed for use in a reproducing system, the apparatus including a cache memory configured to store data read from a data source (1); a cache replacement unit (341) configured to identify certain of the data to be deleted from the cache memory (335) based on a determination of the data source data's use in at least two play modes of the apparatus; and a presentation unit (337) configured to obtain data from the cache memory (335) to be presented to a user. The playback apparatus further includes a disc control unit (343) configured to identify data to be read from the data source (1) to be stored in the cache memory (335) based on the current contents of the cache memory (335).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

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